

REMARKS

This Amendment is in response to the Office Action dated January 26, 2005. Claims 1 – 37 were pending, and the Office Action rejected all claims. Specifically, Claims 10 – 15 and 24 – 31 were rejected under 35 U.S.C. § 101, but only specifies the basis of the rejection for Claim 10. The Office Action also states that Claims 1 – 37 were rejected under 35 U.S.C. § 112, but only points out rejections for Claims 1, 2, 3, 4, and 16. Finally, Claims 1 – 37 were rejected under 35 U.S.C. § 102(e) in view of *Clapp* (U.S. Patent No. 6,397,275).

With respect to the 112 rejection of Claim 1, 4 and 16 the Office Action raises an antecedent basis rejection with respect to “output electronic equipment” in “a networking conferencing system.” However, the term is first proceeded with the word “an” establishing a proper antecedent basis for “an output electronic equipment”, thus the Applicant believes that there is no problem with this language. In addition, from the plain language of the preamble, the “attendant electronic equipment” is “operated by users”, thus the relationship between the attendant electronic equipment and users is clearly established. Claims 2 and 3 have been amended to overcome the antecedent objections. Moreover, many of the claims have been amended to correct grammatical issues, and have not been amended with respect to the cited prior art reference (discussed below).

As to the rejection of Claims 10 – 15 and 24 – 31 under 35 U.S.C. § 101, Claims 10 – 15 have been cancelled. However, the Applicant believes that Claims 24 – 31 comply with the statutory requirements, as they are directed to a method “comprising the steps of” various method steps for inputting and preparing data related to authentication and other tasks that produce useful, concrete and tangible results (i.e. management of an electronic conference system).

Claims 1 – 37 were rejected as anticipated by *Clapp*. As understood by the Applicant, *Clapp* discloses a peripheral video conferencing device, specifically a particular hardware device for providing video conferencing. Contrary to the assertions in the Office Action, this reference simply fails to disclose most of the claimed limitations in Claims 1 – 37. For example, the citations to Fig. 6 merely reference input and/or output plug connections, and clearly do not disclose a “presentation contents browsing unit,” an “authentication unit” (nor does the document anywhere discuss attendance authentication). The present claims specifically require a “proceedings control unit” to control the proceedings, and the cited reference to a “main” video plug (element 152) clearly does not meet the test for establishing a *prima facie* case of obviousness. Moreover, the present claims specifically require chairman terminals, specific areas on the screen for displaying icons related to the attendance at the meeting, etc. None of the limitations are taught or suggested by the *Clapp* reference, which merely discloses a video conference peripheral, without any discussions of the limitations in the present claims.

The Examiner is respectfully requested to review the prior art cited in the related case Serial No. 10/042,502 and the associated recent Office Action, and Office Action response (enclosed). The prior art cited in the related case is more relevant to the present invention than the *Clapp* reference, however, the present claims are still allowable over those references as well, for at least the reasons cited in the related Office Action response (i.e. there is no discussion of separate icon display regions, wherein the icons represent attendance, available equipment in the conference, etc.).

It is now believed that the present application is in condition for allowance. If the Examiner believes that a telephone conference will expedite the prosecution of this case, the Examiner is requested to contact the undersigned attorney at the number listed below.

Respectfully submitted,
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Dated: May 17, 2005

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to: Commissioner for Patents, Mail Stop Amendment, Alexandria, VA 22313-1450, on May 17, 2005.

Dated: May 17, 2005

Norma E. Gillespie
Norma E. Gillespie



Attorney's Docket No. 352738.00500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Seikei Lee et al.

For: NETWORK CONFERENCING
SYSTEM, EQUIPMENT
MANAGEMENT METHOD AND DATA
PREPARATION METHOD

Application No. 10/042,502

Filing Date: January 8, 2002

Examiner: Gertrude Arthur Jeanglaude

Group Art Unit: 2144

AMENDMENT

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated February 4, 2005 please amend the above identified application as follows.

The Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 21 of this paper.

In the Claims:

1. (Amended) A network conferencing system ~~in which~~ having an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, a plurality of attendant electronic equipments equipment operated by users attending a conference, and a conference management server connected with the output electronic equipment and the attendant electronic equipments equipment so as to transmit and receive information to and from the output electronic equipment and the attendant electronic equipments equipment, ~~are connected~~ via a communication network,

each of the attendant electronic equipments equipment comprising an information input/output ~~function~~ unit for inputting and outputting information from and to the other attendant electronic equipments equipment and the output electronic equipment via the communication network, a presentation ~~function~~ unit for presenting the contents of the presentation by using the output electronic equipment, a presentation contents browsing ~~function~~ unit for browsing the contents of the presentation presented by the presentation ~~function~~ unit of the other attendant electronic equipments equipment using the output electronic equipment, an authentication ~~function~~ unit for carrying out authentication of attendance of the other attendant electronic equipments equipment at a conference, an equipment management ~~function~~ unit for managing the state of each electronic equipment connected to the communication network, a display ~~function~~ unit for displaying, as icons, the other attendant electronic equipments equipment with their attendance authenticated by the authentication ~~function~~ unit and the electronic equipment managed by the equipment management ~~function~~ unit, and a proceedings control ~~function~~ unit for obtaining information for preparing the proceedings by using the contents of the presentation presented by the presentation ~~function~~ unit,

wherein the display ~~function unit is to separate an~~ has a separate area for icon display of the generating electronic equipment and an area for icon display of the output electronic equipment, thus providing the icon display of the generating electronic equipment and the icon display of the output electronic equipment.

2. (Amended) The network conferencing system as claimed in claim 1, wherein each of the attendant electronic ~~equipments~~ equipment further ~~has a function to enable~~ enables selection of the icon displays of the generating electronic equipment and the output electronic equipment and ~~generate~~ generates a control request for controlling the generating electronic equipment and the output electronic equipment that are selected.

3. (Amended) The network conferencing system as claimed in claim 1, wherein each of the attendant electronic ~~equipments~~ equipment further ~~has a function to enable~~ enables selection of the icon display of the generating electronic equipment and ~~transmit~~ transmits an attribute display request for displaying attribute information about data generated and stored by the selected generating electronic equipment, to the conference management server, and

the display ~~function unit is to display~~ displays a list of the attribute information generated by the generating electronic equipment corresponding to the selected icon display and stored in the conference server.

4. (Amended) The network conferencing system as claimed in claim 1, wherein the display ~~function unit is to display~~ displays an available electronic equipment at the conference as a selectable icon display and ~~to display~~ displays an unavailable electronic equipment at the conference as a non-selectable icon display.

5. (Amended) The network conferencing system as claimed in claim 1, wherein the display ~~function unit is to prepare~~ prepares equipment display information including an icon display of an electronic equipment existing within the communication network, in a first screen area, and ~~including~~ includes an icon display of an electronic equipment existing outside the communication network, in a second screen area.

6. (Amended) The network conferencing system as claimed in claim 5, wherein the display ~~function unit is to display~~ displays location attribute information indicating the presence within the communication network, in the first screen area, and ~~to display~~ displays location attribute information indicating the presence outside the communication network, in the second screen area.

7. (Amended) The network conferencing system as claimed in claim 1, wherein the display ~~function unit is to provide~~ provides icon displays based on the functions of the output electronic equipment and the generating electronic equipment.

8. (Amended) An equipment management method for a network conferencing system in which an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, a plurality of attendant electronic ~~equipments~~ equipment, and a conference management server connected with the output electronic equipment and the attendant electronic ~~equipments~~ equipment so as to transmit and receive information to and from the output electronic equipment and the attendant electronic ~~equipments~~ equipment, ~~are connected~~ via a communication network, each of the attendant electronic ~~equipments~~ equipment comprising an information input/output ~~function unit~~ unit for inputting and outputting information from and to the

other attendant electronic ~~equipments~~ equipment and the output electronic equipment via the communication network, a presentation ~~function~~ unit for presenting the contents of the presentation by using the output electronic equipment, a presentation contents browsing ~~function~~ unit for browsing the contents of the presentation presented by the presentation ~~function~~ unit of the other attendant electronic ~~equipments~~ equipment using the output electronic equipment, an authentication ~~function~~ unit for carrying out authentication of attendance of the other attendant electronic ~~equipments~~ equipment at a conference, an equipment management ~~function~~ unit for managing the state of each electronic equipment connected to the communication network, a display ~~function~~ unit for displaying, as icons, the other attendant electronic ~~equipments~~ equipment with their attendance authenticated by the authentication ~~function~~ unit and the electronic equipment managed by the equipment management ~~function~~ unit, and a proceedings control ~~function~~ unit for obtaining information for preparing the proceedings by using the contents of the presentation presented by the presentation ~~function~~ unit,

wherein when each of the attendant electronic ~~equipments~~ equipment attends a conference,

an area for icon display of the generating electronic equipment and an area for icon display of the output electronic equipment are separated, thus providing the icon display of the generating electronic equipment and the icon display of the output electronic equipment by the display ~~function~~ unit of the attendant electronic equipment.

9. (Original) The equipment management method as claimed in claim 8, wherein the icon displays of the generating electronic equipment and the output electronic equipment are selected by the attendant electronic equipment, and

a control request for controlling the generating electronic equipment and the output electronic equipment that are selected is generated.

10. (Amended) The equipment management method as claimed in claim 9, wherein the icon display of the generating electronic equipment is selected by the attendant electronic equipment,

an attribute display request for displaying attribute information about data generated by the selected generating electronic equipment is transmitted from the attendant electronic equipment to the conference management server,

the attribute information is transmitted from the conference management server to the attendant electronic equipment, and

a list of the attribute information is displayed by the display ~~function~~ unit of the attendant electronic equipment.

11. (Amended) The equipment management method as claimed in claim 8, wherein of icon displays provided by the display ~~function~~ unit, an icon display of an available electronic equipment at the conference is made selectable and an icon display of an unavailable electronic equipment at the conference is made non-selectable.

12. (Original) The equipment management method as claimed in claim 8, wherein an icon display of an electronic equipment existing within the communication network is included in a first screen area and an icon display of an electronic equipment existing outside the communication network is included in a second screen area.

13. (Original) The equipment management method as claimed in claim 8, wherein location attribute information indicating the presence within the communication network is displayed in the first screen area and location attribute information indicating the presence outside the communication network is displayed in the second screen area.

14. (Original) The equipment management method as claimed in claim 8, wherein icon displays based on the functions of the output electronic equipment and the generating electronic equipment are provided.

15. (Amended) A conference management server connected with an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, and a plurality of attendant electronic equipments equipment via a communication network, each of the attendant electronic equipments equipment comprising an information input/output function unit for inputting and outputting information from and to the other attendant electronic equipments equipment and the output electronic equipment via the communication network, a presentation function unit for presenting the contents of the presentation by using the output electronic equipment, a presentation contents browsing function unit for browsing the contents of the presentation presented by the presentation function unit of the other attendant electronic equipments equipment using the output electronic equipment, an authentication function unit for carrying out authentication of attendance of the other attendant electronic equipments equipment at a conference, an equipment management function unit for monitoring the electronic equipment connected with the communication network and managing the state of each electronic equipment, a display function unit for displaying, as icons, the other attendant electronic equipments equipment with their attendance authenticated by the authentication function unit and the electronic equipment managed by the equipment management function unit, and a proceedings control function unit for obtaining information for preparing the proceedings by using the contents of presentation presented by the presentation function unit, the conference management server comprising:

equipment management means for monitoring the operating states of the output electronic equipment and the generating electronic equipment and preparing an equipment information file showing the type of each equipment and the operating state of each equipment;

equipment display information preparation means for preparing equipment display information which separately displays an area for icon display of the generating electronic equipment and an area for icon display of the output electronic equipment on the basis of the result of monitoring and the type from the equipment management means; and

output means for transmitting the equipment display information prepared by the equipment display information preparation means to the attendant electronic equipment.

16. (Original) The conference management server as claimed in claim 15, wherein the equipment display information preparation means prepares equipment display information to enable selection of the icon displays of the generating electronic equipment and the output electronic equipment.

17. (Original) The conference management server as claimed in claim 15, further comprising data storage means for associating the generating electronic equipment managed by the equipment management means with the data generated by the generating electronic equipment and thus storing the data, and

means for transmitting information for displaying a list of attribute information of the data that is generated by the generating electronic equipment corresponding to the icon display selected by the attendant electronic equipment and is stored in the data storage means.

18. (Original) The conference management server as claimed in claim 15, wherein the equipment display information preparation means prepares equipment

display information to enable selection of an icon display of an available electronic equipment at the conference and to make it impossible to select an icon display of an unavailable electronic equipment at the conference.

19. (Original) The conference management server as claimed in claim 15, wherein the equipment display information preparation means prepares equipment display information including an icon display of an electronic equipment existing within the communication network, in a first screen area, and including an icon display of an electronic equipment existing outside the communication network, in a second screen area.

20. (Original) The conference management server as claimed in claim 19, wherein the equipment display information preparation means prepares equipment display information for displaying location attribute information indicating the presence within the communication network, in the first screen area, and displaying location attribution information indicating the presence outside the communication network, in the second screen area.

21. (Original) The conference management server as claimed in claim 15, wherein the equipment display information preparation means prepares equipment display information for providing icon displays based on the functions of the output electronic equipment and the generating electronic equipment.

22. (Amended) An equipment management method for a conference server connected with an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, and a plurality of attendant electronic equipments equipment via a communication network, each of the attendant electronic equipments equipment comprising an

information input/output ~~function unit~~ for inputting and outputting information from and to the other attendant electronic equipments equipment and the output electronic equipment via the communication network, a presentation ~~function unit~~ for presenting the contents of the presentation by using the output electronic equipment, a presentation contents browsing ~~function unit~~ for browsing the contents of the presentation presented by the presentation ~~function unit~~ of the other attendant electronic equipments equipment using the output electronic equipment, an authentication ~~function unit~~ for carrying out authentication of attendance of the other attendant electronic equipments equipment at a conference, an equipment management ~~function unit~~ for monitoring the electronic equipment connected with the communication network and managing the state of each electronic equipment, a display ~~function unit~~ for displaying, as icons, the other attendant electronic equipments equipment with their attendance authenticated by the authentication ~~function unit~~ and the electronic equipment managed by the equipment management ~~function unit~~, and a proceedings control ~~function unit~~ for obtaining information for preparing the proceedings by using the contents of presentation presented by the presentation ~~function unit~~, the method comprising the steps of:

monitoring the operating states of the output electronic equipment and the generating electronic equipment;

preparing an equipment information file showing the type of each equipment and the operating state of each equipment;

preparing equipment display information which separately displays an area for icon display of the generating electronic equipment and an area for icon display of the output electronic equipment on the basis of the result of monitoring and the type; and

transmitting the prepared equipment display information to the attendant electronic equipment.

23. (Original) The equipment management method as claimed in claim 22, wherein the equipment display information to enable selection of the icon displays of the generating electronic equipment and the output electronic equipment is prepared.

24. (Original) The equipment management method as claimed in claim 22, wherein information related to the generating electronic equipment including the operating state of each generating electronic equipment and the type of each equipment is associated with the data generated by the generating electronic equipment and thus stored, and

information for displaying a list of attribute information of the data that is generated by the generating electronic equipment corresponding to the icon display selected by the attendant electronic equipment and is thus stored, is transmitted.

25. (Original) The equipment management method as claimed in claim 22, wherein equipment display information to enable selection of an icon display of an available electronic equipment at the conference and to make it impossible to select an icon display of an unavailable electronic equipment at the conference, is prepared.

26. (Original) The equipment management method as claimed in claim 22, wherein equipment display information including an icon display of an electronic equipment existing within the communication network, in a first screen area, and including an icon display of an electronic equipment existing outside the communication network, in a second screen area, is prepared.

27. (Original) The equipment management method as claimed in claim 26, wherein equipment display information for displaying location attribute information indicating the presence within the communication network, in the first screen area,

and displaying location attribution information indicating the presence outside the communication network, in the second screen area, is prepared.

28. (Original) The equipment management method as claimed in claim 22, wherein equipment display information for providing icon displays based on the functions of the output electronic equipment and the generating electronic equipment is prepared.

29. (Amended) An attendant electronic equipment connected with an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, and a conference management server connected with the output electronic equipment so as to transmit and receive information to and from the output electronic equipment, via a communication network, the attendant electronic equipment being operated by a user attending a conference connected with the server to transmit and receive information to and from the server via the communication network, the attendant electronic equipment comprising

an information input/output ~~function~~ unit for inputting and outputting information from and to other attendant electronic ~~equipments~~ equipment and the output electronic equipment via the communication network, a presentation ~~function~~ unit for presenting the contents of the presentation by using the output electronic equipment, a presentation contents browsing ~~function~~ unit for browsing the contents of the presentation presented by the presentation ~~function~~ unit of the other attendant electronic ~~equipments~~ equipment using the output electronic equipment, an authentication ~~function~~ unit for carrying out authentication of attendance of the other attendant electronic ~~equipments~~ equipment at a conference, an equipment management ~~function~~ unit for managing the state of each electronic equipment connected with the communication network, a display

function unit for displaying, as icons, the other attendant electronic equipments equipment with their attendance authenticated by the authentication function unit and the electronic equipment managed by the equipment management function unit, and a proceedings control function unit for obtaining information for preparing the proceedings by using the contents of presentation presented by the presentation function unit,

wherein the display function unit ~~is to separate an~~ has a separate area for icon display of the generating electronic equipment and an area for icon display of the output electronic equipment, thus providing the icon display of generating electronic equipment and the icon display of the output electronic equipment.

30. (Amended) A network conferencing system ~~in which~~ having an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, a plurality of attendant electronic equipments equipment operated by users attending a conference, and a conference management server connected with the output electronic equipment and the attendant electronic equipments equipment so as to transmit and receive information to and from the output electronic equipment and the attendant electronic equipments equipment, ~~are connected~~ via a communication network,

each of the attendant electronic equipments equipment comprising an information input/output function unit for inputting and outputting information from and to the other attendant electronic equipments equipment, the output electronic equipment and the generating electronic equipment via the communication network, a presentation function unit for presenting the contents of presentation by using the output electronic equipment, a presentation contents browsing function unit for browsing the contents of presentation presented by the presentation function unit of the other attendant electronic equipments equipment using the output electronic equipment, an authentication function unit for carrying

out authentication of attendance of the other attendant electronic equipments equipment at a conference, an equipment management ~~function~~ unit for managing the state of each electronic equipment connected to the communication network, a display ~~function~~ unit for displaying, as icons, the other attendant electronic equipments equipment with their attendance authenticated by the authentication ~~function~~ unit and the electronic equipment managed by the equipment management ~~function~~ unit, and a proceedings control ~~function~~ unit for carrying out control to prepare the proceedings by using the contents of the presentation presented by the presentation ~~function~~ unit,

wherein the presentation ~~function~~ unit ~~is to select~~ selects an icon display of the generating electronic equipment from the icon displays of the generating electronic equipments equipment made by the display ~~function~~ unit in accordance with the operation by the user, then ~~carry~~ carries out control to display, by the display ~~function~~ unit, a list of the contents of material data generated by the generating electronic equipment corresponding to the selected icon display, then ~~select~~ selects the contents of material data displayed in the list by the display ~~function~~ unit, and ~~carry~~ carries out control to transfer the selected material data to the output electronic equipment or the attendant electronic equipment via the conference management server.

31. (Amended) The network conferencing system as claimed in claim 30, wherein the presentation ~~function~~ unit ~~is to cause~~ causes browsing of the selected data by the presentation contents browsing ~~function~~ unit of the other attendant electronic equipments equipment.

32. (Amended) The network conferencing system as claimed in claim 30, wherein the presentation ~~function~~ unit ~~is to control~~ controls the display ~~function~~ unit to provide a display related to the contents of the material data when transferring the material data.

33. (Amended) The network conferencing system as claimed in claim 30, wherein the proceedings control ~~function unit~~ is to store stores the material data selected and transferred by the presentation ~~function unit~~ unit and the contents of presentation into the conference management server.

34. (Amended) A data presentation method for a network conferencing system in which an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, a plurality of attendant electronic ~~equipments~~ equipment operated by users attending a conference, and a conference management server connected with the output electronic equipment and the attendant electronic ~~equipments~~ equipment so as to transmit and receive information to and from the output electronic equipment and the attendant electronic ~~equipments~~ equipment, are connected via a communication network, each of the attendant electronic ~~equipments~~ equipment comprising an information input/output ~~function unit~~ unit for inputting and outputting information from and to the other attendant electronic ~~equipments~~ equipment, the output electronic equipment and the generating electronic equipment via the communication network, a presentation ~~function unit~~ unit for presenting the contents of the presentation by using the output electronic equipment and/or the other attendant electronic ~~equipments~~ equipment, a presentation contents browsing ~~function unit~~ unit for browsing the contents of the presentation presented by the presentation ~~function unit~~ unit of the other attendant electronic ~~equipments~~ equipment using the output electronic equipment, an authentication ~~function unit~~ unit for carrying out authentication of attendance of the other attendant electronic ~~equipments~~ equipment at a conference, an equipment management ~~function unit~~ unit for managing the state of each electronic equipment connected to the communication network, a display ~~function unit~~ unit for displaying, as icons, the other attendant electronic

~~equipments~~ equipment with their attendance authenticated by the authentication ~~function~~ unit and the electronic equipment managed by the equipment management ~~function~~ unit, and a proceedings control ~~function~~ unit for carrying out control to prepare the proceedings by using the contents of the presentation presented by the presentation ~~function~~ unit, the method comprising the steps of:

providing an icon display related to the generating electronic equipment by the display ~~function~~ unit;

selecting the icon display of the generating electronic equipment in accordance with the operation by the user;

displaying, by the display ~~function~~ unit, a list of the contents of material data generated by the generating electronic equipment corresponding to the selected icon display;

selecting the material data displayed in the list by the display ~~function~~ unit;
and

transferring the selected material data to the output electronic equipment or the attendant electronic equipment via the conference management server.

35. (Amended) The data presentation method as claimed in claim 34, wherein the selected material data is browsed by the presentation contents browsing ~~function~~ unit of the other attendant electronic ~~equipments~~ equipment.

36. (Amended) The data presentation method as claimed in claim 34, wherein the display ~~function~~ unit is controlled to provide a display related to the contents of data to the selected material data.

37. (Amended) The presentation method as claimed in claim 34, wherein the material data selected and transferred by the presentation ~~function~~ unit and the contents of presentation are stored into the conference management server.

38. (Amended) A conference management server connected with an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, and a plurality of attendant electronic ~~equipments~~ equipment via a communication network, each of the attendant electronic ~~equipments~~ equipment comprising an information input/output ~~function~~ unit for inputting and outputting information from and to the other attendant electronic ~~equipments~~ equipment, the output electronic equipment and the generating electronic equipment via the communication network, a presentation ~~function~~ unit for presenting the contents of the presentation by using the output electronic equipment and/or the other attendant electronic ~~equipments~~ equipment, a presentation contents browsing ~~function~~ unit for browsing the contents of the presentation presented by the presentation ~~function~~ unit of the other attendant electronic using the output electronic equipment, an authentication ~~function~~ unit for carrying out authentication of attendance of the other attendant electronic ~~equipments~~ equipment at a conference, an equipment management ~~function~~ unit for monitoring the electronic equipment connected with the communication network and managing the state of each electronic equipment, a display ~~function~~ unit for displaying, as icons, the other attendant electronic ~~equipments~~ equipment with their attendance authenticated by the authentication ~~function~~ unit and the electronic equipment managed by the equipment management ~~function~~ unit, and a proceedings control ~~function~~ unit for obtaining information for preparing the proceedings by using the contents of presentation presented by the presentation ~~function~~ unit, the conference management server comprising:

material data input means for inputting material data generated by the generating electronic equipment;

data storage means for storing the material data inputted by the material data input means;

output means for outputting the material data to the output electronic equipment or the attendant electronic equipment in accordance with a request from the attendant electronic equipment having the authority of a presenter terminal with the presentation ~~function~~ unit; and

control means for carrying out control to cause the presenter terminal to display a list of the material data generated by the generating electronic equipment in accordance with a material presentation request for presenting the material data generated by the generating electronic equipment from the presenter terminal, and to transfer the material data selected in accordance with a material presentation request for selecting the material data displayed in the list, to the output electronic equipment or the attendant electronic equipment.

39. (Amended) A data presentation method for a conference management server connected with an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, and a plurality of attendant electronic ~~equipments~~ equipment via a communication network, each of the attendant electronic ~~equipments~~ equipment comprising an information input/output ~~function~~ unit for inputting and outputting information from and to the other attendant electronic ~~equipments~~ equipment, the output electronic equipment and the generating electronic equipment via the communication network, a presentation ~~function~~ unit for presenting the contents of the presentation by using the output electronic equipment and/or the other attendant electronic ~~equipments~~ equipment, a presentation contents browsing ~~function~~ unit for browsing the contents of the presentation presented by the presentation ~~function~~ unit of the other attendant electronic using the output electronic equipment, an authentication ~~function~~ unit for carrying out authentication of attendance of the other attendant electronic ~~equipments~~ equipment at a conference, an equipment management ~~function~~ unit for monitoring

the electronic equipment connected with the communication network and managing the state of each electronic equipment, a display ~~function~~ unit for displaying, as icons, the other attendant electronic ~~equipments~~ equipment with their attendance authenticated by the authentication ~~function~~ unit and the electronic equipment managed by the equipment management ~~function~~ unit, and a proceedings control ~~function~~ unit for obtaining information for preparing the proceedings by using the contents of the presentation presented by the presentation ~~function~~ unit, the method comprising the steps of:

inputting material data generated by the generating electronic equipment;

storing the inputted presentation data and material data;

causing the presenter terminal to display a list of the material data generated by the generating electronic equipment in accordance with a material presentation request for presenting the material data generated by the generating electronic equipment from the attendant electronic equipment having the authority of a presenter terminal with the presentation ~~function~~ unit; and

transferring the material data selected in accordance with a material presentation request for selecting the material data displayed in the list, to the output electronic equipment or the attendant electronic equipment.

40. (Amended) An attendant electronic equipment connected with an output electronic equipment for presenting the contents of a presentation, a generating electronic equipment for generating the contents of the presentation to be presented by the output electronic equipment, and a conference management server connected with the output electronic equipment so as to transmit and receive information to and from the output electronic equipment, via a communication network, the attendant electronic equipment being operated by a user attending a conference connected with the server to transmit and receive information to and from the server via the communication network, the attendant electronic equipment comprising

an information input/output ~~function unit~~ for inputting and outputting information from and to the other attendant electronic ~~equipments~~ equipment, the output electronic equipment and the generating electronic equipment via the communication network, a presentation ~~function unit~~ for presenting the contents of the presentation by using the output electronic equipment, a presentation contents browsing ~~function unit~~ for browsing the contents of the presentation presented by the presentation ~~function unit~~ of the other attendant electronic ~~equipments~~ equipment using the output electronic equipment, an authentication ~~function unit~~ for carrying out authentication of attendance of the other attendant electronic ~~equipments~~ equipment at a conference, an equipment management ~~function unit~~ for managing the state of each electronic equipment connected to the communication network, a display ~~function unit~~ for displaying, as icons, the other attendant electronic ~~equipments~~ equipment with their attendance authenticated by the authentication ~~function unit~~ and the electronic equipment managed by the equipment management ~~function unit~~, and a proceedings control ~~function unit~~ for carrying out control to prepare the proceedings by using the contents of presentation presented by the presentation ~~function unit~~,
~~function unit~~

wherein the presentation ~~function unit~~ ~~is to select~~ selects an icon display of the generating electronic equipment from the icon displays of the generating electronic ~~equipments~~ equipment made by the display ~~function unit~~ in accordance with the operation by the user, then ~~carry~~ carries out control to display, by the display ~~function unit~~, a list of the contents of material data generated by the generating electronic equipment corresponding to the selected icon display, then ~~select~~ selects the contents of material data displayed in the list by the display ~~function unit~~, and ~~carry~~ carries out control to transfer the selected material data to the output electronic equipment or the attendant electronic equipment via the conference management server.

REMARKS

Claims 1 - 40 are pending, and an Office Action dated Feb. 4, 2005 rejected all claims. Specifically, Claims 1 - 40 were provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1 - 37 of copending Application No. 10/042,485. In addition, Claims 1 - 40 were rejected under 35 U.S.C. § 103 (a) as being unpatentable over *Sato et al.* (U.S. Patent No. 5,852,656) in view of *Itaru et al.* (High-fidelity Visual Telecommunication and Tele-collaboration System using ATM Networks).

In response, the Applicant submits a terminal disclaimer to overcome the provisional double patenting rejection. Moreover, the Applicant provides the following remarks with respect to the substantive rejection.

As understood by the Applicant, *Sato et al.* discloses a network conferencing system that tracks the attendance or absence of conference participants. However, as recognized by the Office Action, *Sato et al.* does not disclose that the ID of the attendees are in anyway broadcast to the other user terminals, or that there is a graphical indication of the presence of other attendees is shown on the display devices of the other user terminals (i.e. by icons). As stated in col. 5 of *Sato et al.*, the attendee list is stored in a server which may be accessed later by others to see who attended the conference, but there is no disclosure that during the conference an icon based representation of the attendees is displayed.

In addition, *Sato et al.* fails to disclose that the user terminals have "an area for icon display of the generating electronic equipment and an area for icon display of the output electronic equipment are separated" (Claim 1). The section of *Sato*

et al. cited by the Office Action (col. 5, lines 5-13, 54-65) simply fails to address this specific limitation. In fact, it is not clear that the system of *Sato et al.* even provides any means for the user terminals to determine via icons what other equipment is present on the network conference, as *Sato et al.* is more directed to tracking attendance and notes of the meeting.

The Office Action cites *Itaru et al.* as disclosing "different icons and separate display" citing Fig. 3. However, as understood by the Applicant, *Itaru et al.* also fails to disclose the specific icon elements of Claim 1. The cited figure, Fig. 3, does not appear to have any icon-based representations of either the attendance of participants, nor of the other network equipment, as specifically recited in the present claims. The cited figure simply shows the virtual "chalkboard" that is displayed on a screen. As further illustrated in Fig. 4, the "Preview area" and "Save area" boxes on the right and bottom of the screen, respectively, are just small "thumbnails" of other "chalkboard" views, and do not represent icons of any other equipment or attendees. The boxes on the left of Fig. 3 are listed as "Menu buttons" and are therefore ~~function~~ buttons and not icons representative of other equipment on the network.

Thus, even assuming that the combination proposed by the Office Action is valid, the combination still fails to make a prima facie case of obviousness, since the combination would not teach or suggest of one of skill in the art to create a network conferencing system utilizing icons on a display, wherein the other network equipment is represented by the icons.

Thus, the independent Claims of the present invention are allowable over the cited prior art of record for at least these reasons.

Furthermore, Claims 2, 18, 23 and 36 are allowable, since the combined teachings of the art do not have icon displays of the generating electronic equipment and the output electronic equipment, it is clear that the cited references do not disclose a ~~function~~ to enable selection of the icon displays either. The cited reference to Sato et al. does not support the rejection of this additional limitation.

As to Claims 3, 17, 24, 33 and 37, the cited reference to *Sato et al.* does not disclose that the attendant electronic equipment has a ~~function~~ to enable selection of the icon display request for displaying attribute information about data generated and stored by the selected generating electronic equipment, where the display ~~function~~ displays a list of the attribute information. In the disclosure cited by the Office Action, there is no discussion of "attribute information" and therefore these claims are allowable for at least this reason.

Claims 4, 11, and 25 specifically require that the icons be selectable or non-selectable, based on the availability of the equipment. Since the combined teachings of the cited references do not disclose representing the underlying equipment as icons, the reference clearly do not teach representing the availability of the equipment by selectable or non-selectable icons.

As to Claims 5, 6, 7, 8, 12, 13, 14, 15, 19 – 21, 22, 26, 27, 29 – 32, 34, 35 and 38 – 40, as noted above, *Itaru et al.* does not teach disclosing the network equipment as icons, so the additional limitations of these claims referring to icon representations cannot be met by the cited references.

Claim 10 has specific limitations relating to attribute information, and as noted above, the cited references fail to disclose this specific limitation.

For at least the foregoing reasons, the Office Action has failed to establish a prima facie case of obviousness, and therefore the pending Claims are in condition for allowance.

Respectfully submitted,
REED SMITH LLP

Dated: May 4, 2005

By: [Signature]
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/042,502	01/08/2002	Seikei Lee	22738.00500	6739

7590 02/04/2005
Doyle B. Johnson
CROSBY, HEAFEY, ROACH & MAY
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Two Embarcadero Center
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EXAMINER

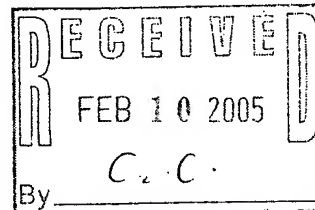
ARTHUR JEANGLAUDE, GERTRUDE

ART UNIT PAPER NUMBER

2144

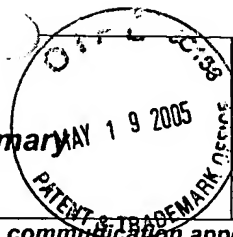
DATE MAILED: 02/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



RESPONSE DUE Resp to OA
RESPONSE DATE 5/4/05
w/3 misexh → 8/4/05

Office Action Summary



Application No.

10/042,502

Applicant(s)

LEE ET AL.

Examiner

Gertrude Arthur-Jeanglaude

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 1/8/02 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT-Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 40902.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION***Double Patenting***

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-40 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-37 of copending Application No. 10/042,485. Although the conflicting claims are not identical, they are not patentably distinct from each other because it would have been obvious to one of ordinary skill in the art to output information from and to the other attendant electronic equipments and the output electronic equipment via the conference management server since it performs the same function for the network conferencing when outputting the electronic equipment via the communication network.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sato et al. (U.S. Patent 5,852,656) in view of Itaru et al. (High-fidelity Visual Telecommunication and Tele-collaboration system using ATM networks August 1995).

As to claim 1, Sato et al. disclose a network conferencing system as shown in Fig.2 in which an output electronic equipment (personal computers) for presenting the contents of presentation, a generating electronic equipment for generating the contents of presentation to be presented by the output electronic equipment, a plurality of attendant electronic equipments (2a-2n) operated by users attending a conference, and a conference management server (3) connected with the output electronic equipment and the attendant electronic equipments so as to transmit and receive information to and from the output electronic equipment and the attendant electronic equipments, are connected via a communication network, each of the attendant electronic equipments comprising an information input/output function for inputting and outputting information

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from and to the other attendant electronic equipments and the output electronic equipment via the communication network, a presentation function for presenting the contents of presentation by using the output electronic equipment, a presentation contents browsing function for browsing the contents of presentation presented by the presentation function of the other attendant electronic equipments using the output electronic equipment (See Fig.2), an authentication function (identification information) (See abstract) for carrying out authentication of attendance of the other attendant electronic equipments at a conference, an equipment management function for managing the state of each electronic equipment connected to the communication network, a display function (See col. 5, lines 5-19) for displaying the other attendant electronic equipments with their attendance authenticated by the authentication function and the electronic equipment managed by the equipment management function, and a proceedings control function for obtaining information for preparing the proceedings by using the contents of presentation presented by the presentation function, Though Sato et al. disclose that the display unit displays an electronic equipment and the display of the generating electronic equipment (See col. 5, lines 5-13, 54-65) wherein the display function is considered to be to separate an area for icon display of the generating electronic equipment and an area for icon display of the output electronic equipment, thus providing the icon display of the generating electronic equipment and the icon display of the output electronic equipment, Sato et al. do not to specifically disclose the attendant are displayed as icons or the display function is to separate an area for icon. In a related art, Itaru et al. disclose a high fidelity visual telecommunication and

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Telecommunication and tele-collaboration system using ATM networks wherein it discloses different icons and separate display as shown in Fig.3. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the display system of Sato et al. with that of Itaru et al. by having separate display and icons in order to improve the user interface.

As to claims 2, 18, 23, 36, Sato et al. disclose the network conferencing system as shown in Fig.2 wherein each of the attendant electronic equipments further has a function to enable selection of the icon displays of the generating electronic equipment and the output electronic equipment and generate a control request for controlling the generating electronic equipment and the output electronic equipment that are selected (See col. 5, lines 51-67-col. 6, lines 1-19).

As to claims 3, 17, 24, 33, 37, Sato et al. disclose the network conferencing system wherein each of the attendant electronic equipments further has a function to enable selection of the icon display of the generating electronic equipment and transmit an attribute display request for displaying attribute information about data generated and stored by the selected generating electronic equipment, to the conference management server, and the display function is to display a list of the attribute information generated by the generating electronic equipment corresponding to the selected icon display and stored in the conference server (See col. 5, lines 51-67; col. 6, lines 45-67).

As to claims 4, 11, 25, Sato et al. disclose the network conferencing system as discussed wherein the display function is to display an available electronic equipment at

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the conference as a selectable icon display and to display an unavailable electronic equipment at the conference as a non-selectable icon display (as attendees and absentees See col. 6, lines 45-67).

As to claims 5-6, 12-13, 19-21, 26-27, 35, Sato et al. disclose the display function is to prepare equipment display information including an icon display of an electronic equipment existing within the communication network, as discussed but fail to specifically disclose that an icon display in a first screen area, and including an icon display of an electronic equipment existing outside the communication network, in a second screen area. In a related art, Itaru et al. disclose a high fidelity visual telecommunication and Telecommunication and tele-collaboration system using ATM networks wherein it discloses different icons and separate display as shown in Fig.3. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the display system of Sato et al. with that of Itaru et al. by having separate display and icons in order to improve the user interface.

As to claims 7, 14, 28, 31-32, Sato et al. disclose the network conferencing system wherein the display function as discussed (See col. 5, lines 5-19, 52-65) is to provide icon displays based on the functions of the output electronic equipment and the generating electronic equipment.

As to claims 8, 15, 22, 29-30, 34, 38, 39, 40, Sato et al. disclose an equipment management method for a network conferencing system and attendant electronic equipment and data presentation as shown in Fig.2 in which an output electronic equipment for presenting the contents of presentation, a generating electronic

equipment for generating the contents of presentation to be presented by the output electronic equipment, a plurality of attendant electronic equipments (2a-2n), and a conference management server (3) connected with the output electronic equipment and the attendant electronic equipments so as to transmit and receive information to and from the output electronic equipment and the attendant electronic equipments, are connected via a communication network, each of the attendant electronic equipments comprising an information input/output function for inputting and outputting information from and to the other attendant electronic equipments and the output electronic equipment via the communication network, a presentation function for presenting the contents of presentation by using the output electronic equipment, a presentation contents browsing function for browsing the contents of presentation presented by the presentation function of the other attendant electronic equipments using the output electronic equipment, an authentication function (identification information; see abstract) for carrying out authentication of attendance of the other attendant electronic equipments at a conference, an equipment management function for managing the state of each electronic equipment connected to the communication network, a display function (See col. 5, lines 5-19) for displaying, as icons, the other attendant electronic equipments with their attendance authenticated by the authentication function and the electronic equipment managed by the equipment management function, and a proceedings control function (3b) for obtaining information for preparing the proceedings by using the contents of presentation presented by the presentation function, wherein when each of the attendant electronic equipments attends a

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conference, an area for icon display of the generating electronic equipment (See col. 5, lines 5-13, 54-65) Though Sato et al. disclose that the display unit displays an electronic equipment and the display of the generating electronic equipment (See col. 5, lines 5-13, 54-65) wherein the display function is considered to be to separate an area for icon display of the generating electronic equipment and an area for icon display of the output electronic equipment, thus providing the icon display of the generating electronic equipment and the icon display of the output electronic equipment, Sato et al. do not to specifically disclose the attendant are displayed as icons or the display function is to separate an area for icon. In a related art, Itaru et al. disclose a high fidelity visual telecommunication and Telecommunication and tele-collaboration system using ATM networks wherein it discloses different icons and separate display as shown in Fig.3. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the display system of Sato et al. with that of Itaru et al. by having separate display and icons in order to improve the user interface.

As to claims 9, 16, Sato et al. disclose the equipment management displays of the generating electronic equipment and the output electronic equipment are selected by the attendant electronic equipment, and a control request for controlling the generating electronic equipment (via controller 3b in Fig. 4) and the output electronic equipment that are selected is generated (See col. 5, lines 51-67-col. 6, lines 1-19).

As to claim 10, Sato et al, disclose the equipment management method wherein the icon display of the generating electronic equipment is selected by the attendant electronic equipment, an attribute display request for displaying attribute information

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about data generated by the selected generating electronic equipment is transmitted from the attendant electronic equipment to the conference management server, the attribute information is transmitted from the conference management server to the attendant electronic equipment, and a list of the attribute information is displayed by the display function of the attendant electronic equipment (See col. 5, lines 51-67-col. 6, lines 45-67).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gertrude Arthur-Jeanglaude whose telephone number is (571) 272-6954. The examiner can normally be reached on Monday-Friday from 8:30 a.m. to 6:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Cuchlinski can be reached on (571) 272-3925. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

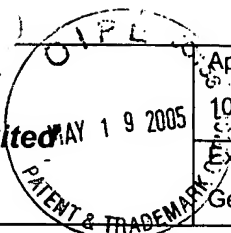
GAJ

GAS

February 1, 2005

Gertrude A. Jeanglaude
GERTRUDE A. JEANGLAUDE
PRIMARY EXAMINER

Notice of References Cited



Application/Control No.

10/042,502

Examiner

Gertrude Arthur-Jeanglaude

Applicant(s)/Patent Under
Reexamination
LEE ET AL.

Art Unit

2144

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-2004/0117194	06-2004	Lee et al.	705/001
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



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Sheet 1 of 1

FORM PTO-1449 (Rev. 7-80)		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. 22738.00500		Serial No. 10/042,502	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				COPY OF PAPERS ORIGINALLY FILED			
				Applicant Seikei Lee, et al			
				Filing Date January 8, 2002		Group 2673 2144	
U.S. PATENT DOCUMENTS							
*Examine Initials		Document Number	Date	Name	Class	Subclass	Filing Date
GAS	AA	5,852,656	12/22/98	Kazuaki, et al	370	260	06/29/98
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
GAS	AB	99/50994	10/07/99	PCT			X
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
GAS	AC	High-Fidelity Visual Telecommunication And Tele-Collaboration System Using ATM Networks; Itaru Mimura, Masaaki Kurosu and Masaatsu Fujita. 8297 Hitachi Review, 44(1995) August, No. 4, Tokyo, Japan, pages 221-226.					
GAS	AD	Computer-Supported Cooperative Work Minitrack; Marilyn A. Mantei and Raymond R. Panko; 23rd Hawaii International Conference On System Sciences; 1990 IEEE, pages 51 -110.					
	AE	Copy of International Search Report					
Examiner G. ARTHUR-JEANGIAUDE				Date Considered 2/1/05			
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							